

07/06/01

J-961 U.S. PTO

07-09-01

PTO/SB/05 (03-01)

Please type a plus sign (+) inside this box



Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. DB000575-015

First Inventor Keeth et al.

Title 256 MEG DYNAMIC RANDOM ACCESS MEMORY

Express Mail Label No. EJ116537727US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 232]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Detailed Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 367]
5. ☐ Oath or Declaration [Total Pages 5]
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. ☒ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Copy of Preliminary Amendment from Parent Case and a Microfiche Appendix

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)
Prior continuation information: Examiner: M. Tran

 of prior application No. 09 , 621,012
Group Art Unit: 2818

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach Bar Code Label Here)

or ☒ Correspondence address below

Name	Edward L. Pencoske			
Address	Thorp Reed & Armstrong, LLP			
	One Oxford Centre, 301 Grant Street, 14th Floor			
City	Pittsburgh	State	PA	Zip Code 15219-1425
Country	United States	Telephone	(412) 394-7789	Fax (412) 394-2555

Name (Print/Type)	Edward L. Pencoske	Registration No. (Attorney/Agent)	29,688
Signature	<i>E. L. Pencoske</i>	Date	7/6/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 1,528

Complete if Known

Application Number Not yet assigned
 Filing Date July 6, 2001
 First Named Inventor Keeth
 Examiner Name Not yet assigned
 Group Art Unit Not yet assigned
 Attorney Docket No. DB000575-015

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number 20-0888
 Deposit Account Name
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27
2. ☒ Payment Enclosed:
☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710
106	320	206	180	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$) 710

2. EXTRA CLAIM FEE

Total Claims	Extra Claims	Fee from below	Fee Paid
42	22	18	396
9	3	6	480
Multiple Dependent		10	40

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 876

*or number previously paid, if greater, For Reissues, see above

FEE CALCULATION (continued)

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(g)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
148	710	248	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
168	900	168	900	Request for expedited examination of a design application	
Other fee (specify)					
SUBTOTAL (3) (\$) 0					

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type) Edward L. Pencoske Registration No. 29,688 Complete (if applicable)
 Signature [Signature] Telephone (412) 394-7789
 Date 7/6/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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STATEMENT REQUESTING DELETION OF INVENTORS

The declaration that is being filed with the instant application is a copy of the declaration that was filed with U.S. Application Serial No. 08/916,692 filed August 22, 1997. As a result of the restriction requirement in U.S. Application Serial No. 08/916,692, the following inventors named in the grandparent application are not inventors of the invention claimed in the instant divisional application:

Scott J. Derner
Larry D. Kinsman
Ronald Taylor
John Mullin

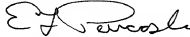
Please file the instant application in the names of the remaining inventors (Keeth, Bunker, Beffa and Ross) in accordance with 37 CFR 1.63 (d).

CHANGE OF ADDRESS

Please note that the undersigned attorney's address has changed since the parent application was filed and that the undersigned attorney's address is correctly noted on form PTO/SB/05 filed herewith, and is correctly noted below.

It is respectfully requested that the instant application, covering claims 70, 71, 100, 120, 126, 135, 136, 138-143, 147, 152, 160-165 receive an early office action on the merits.

Respectfully submitted



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Dated: 6 July 2001

Attorneys for Applicants